

FIG. 1

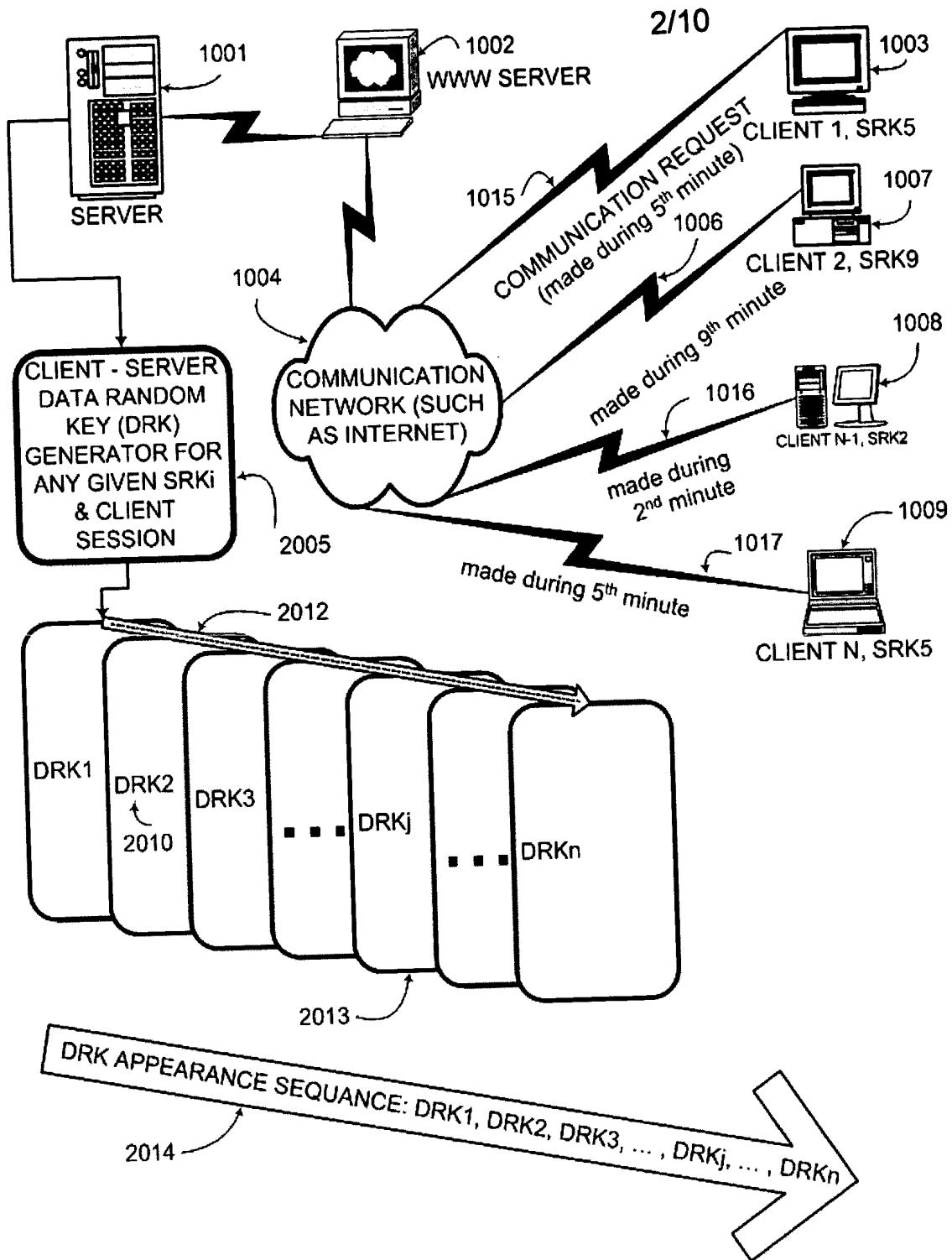


FIG. 2

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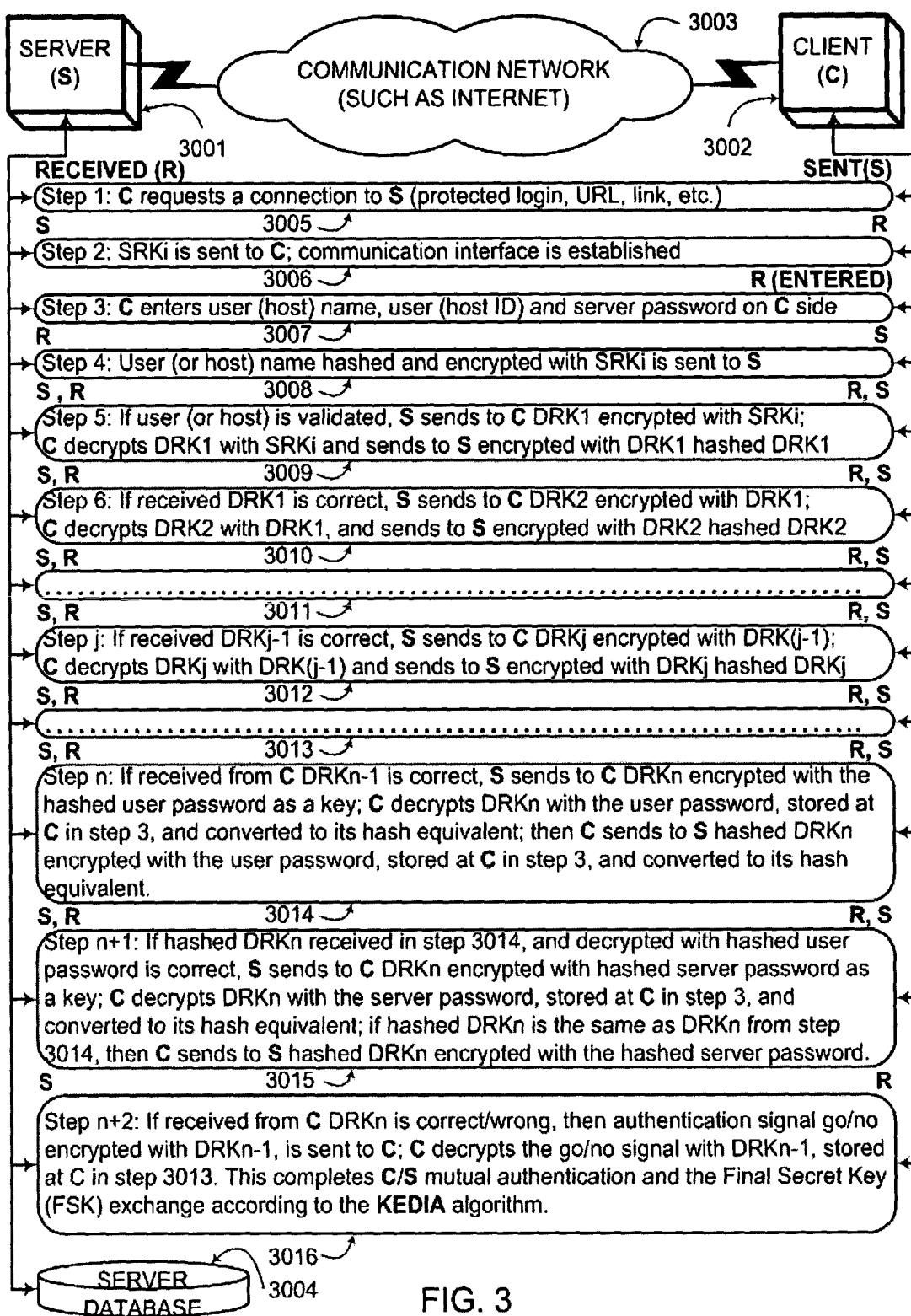


FIG. 3

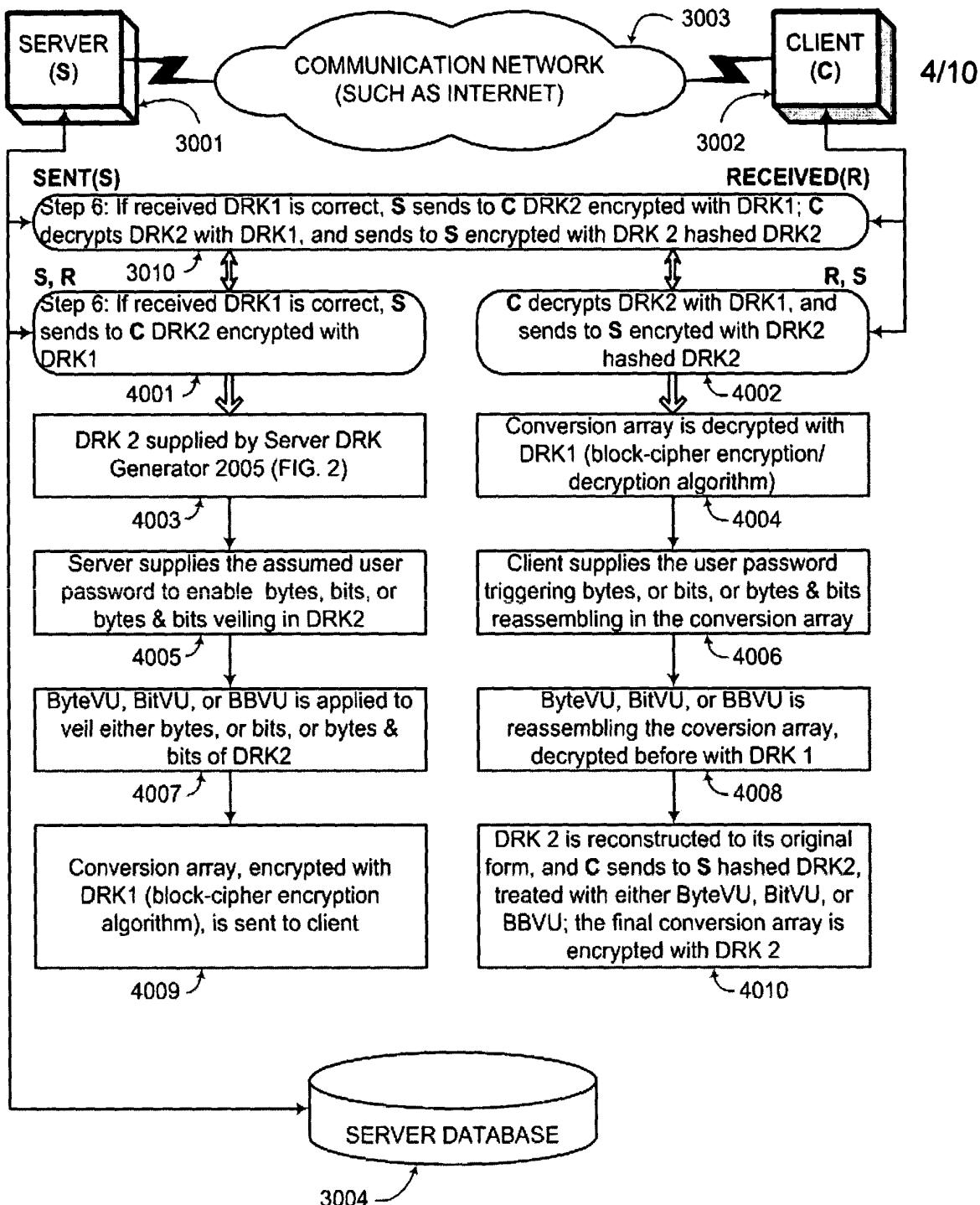


FIG. 4

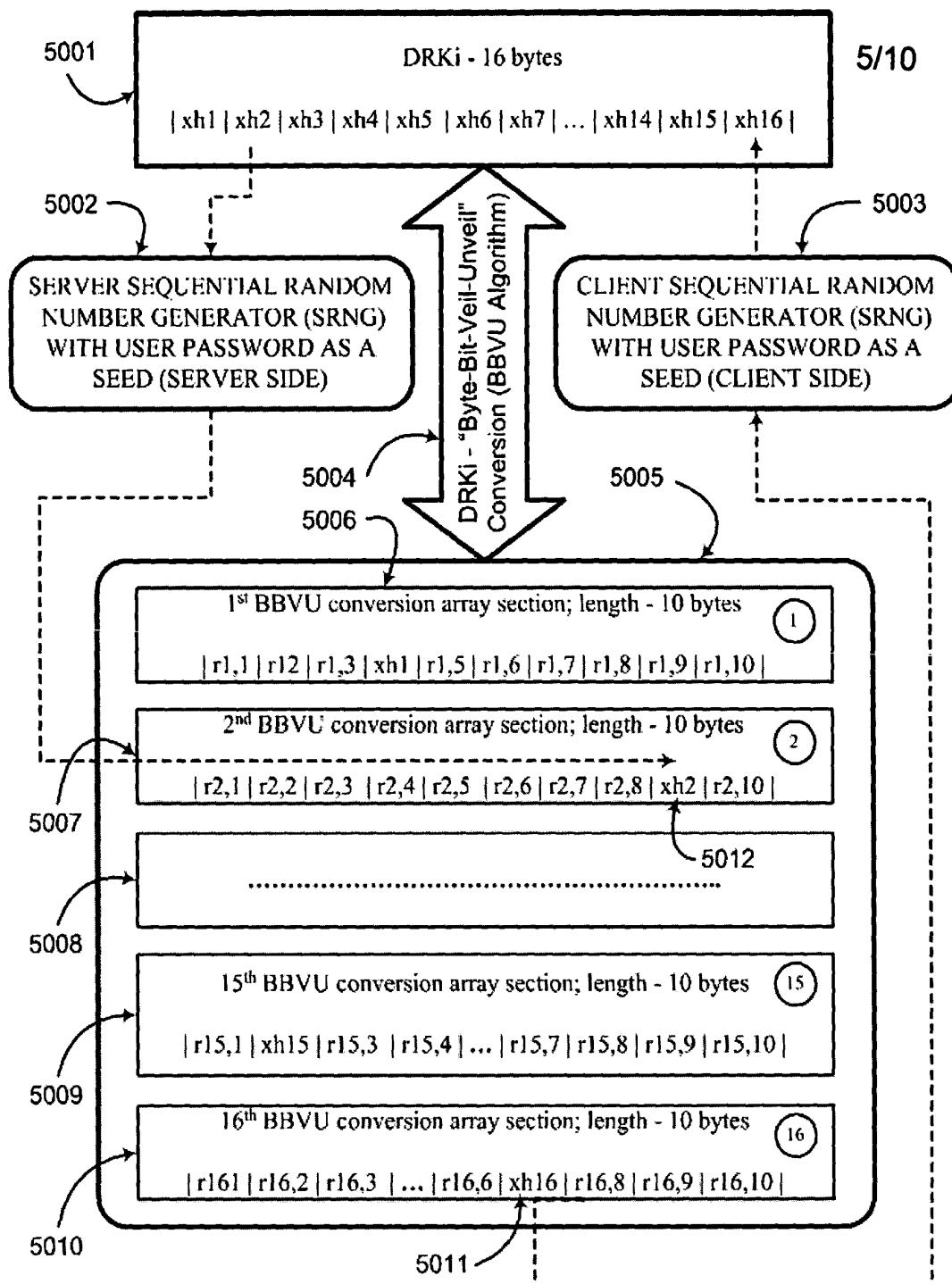


FIG. 5

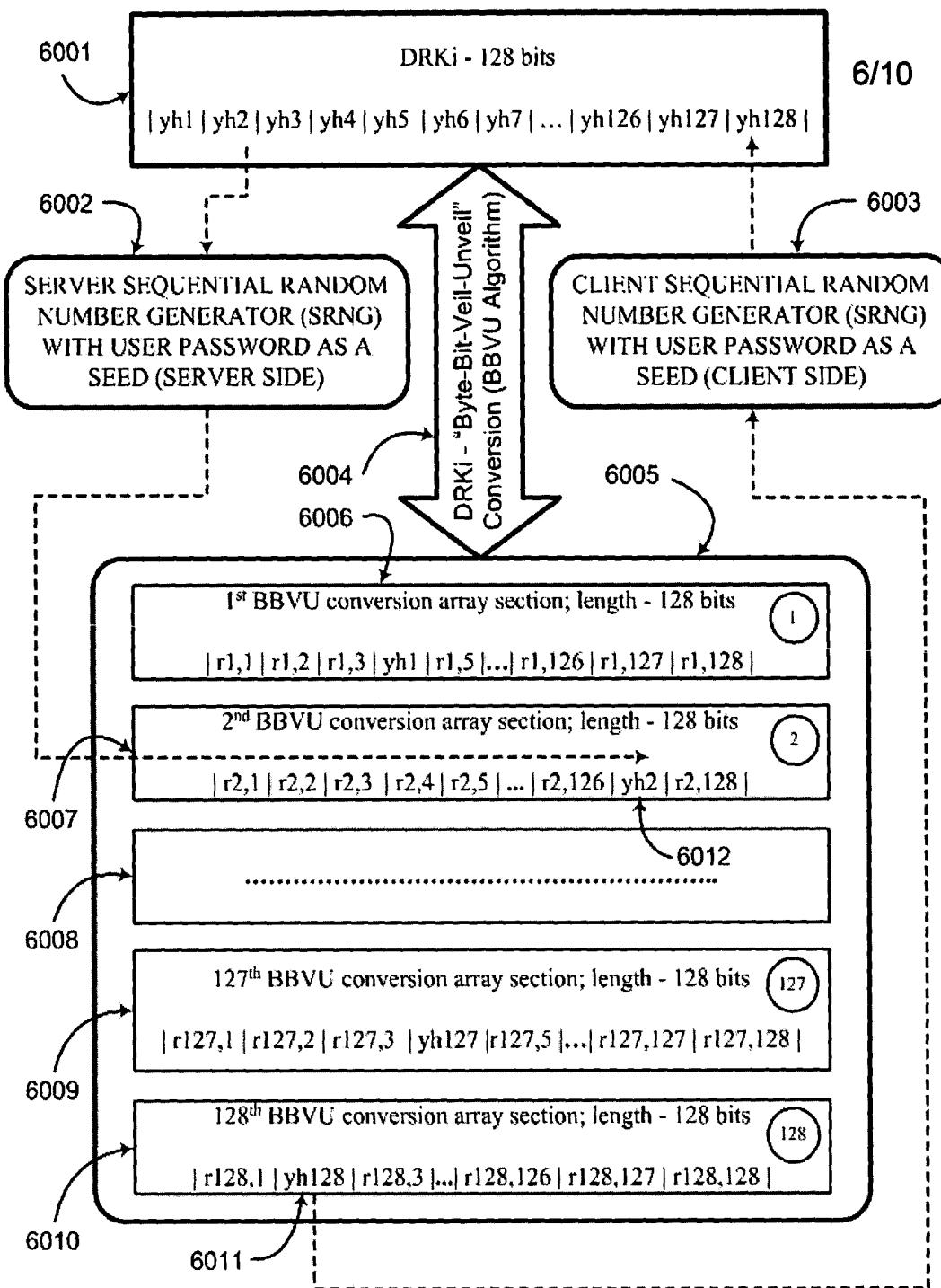


FIG. 6

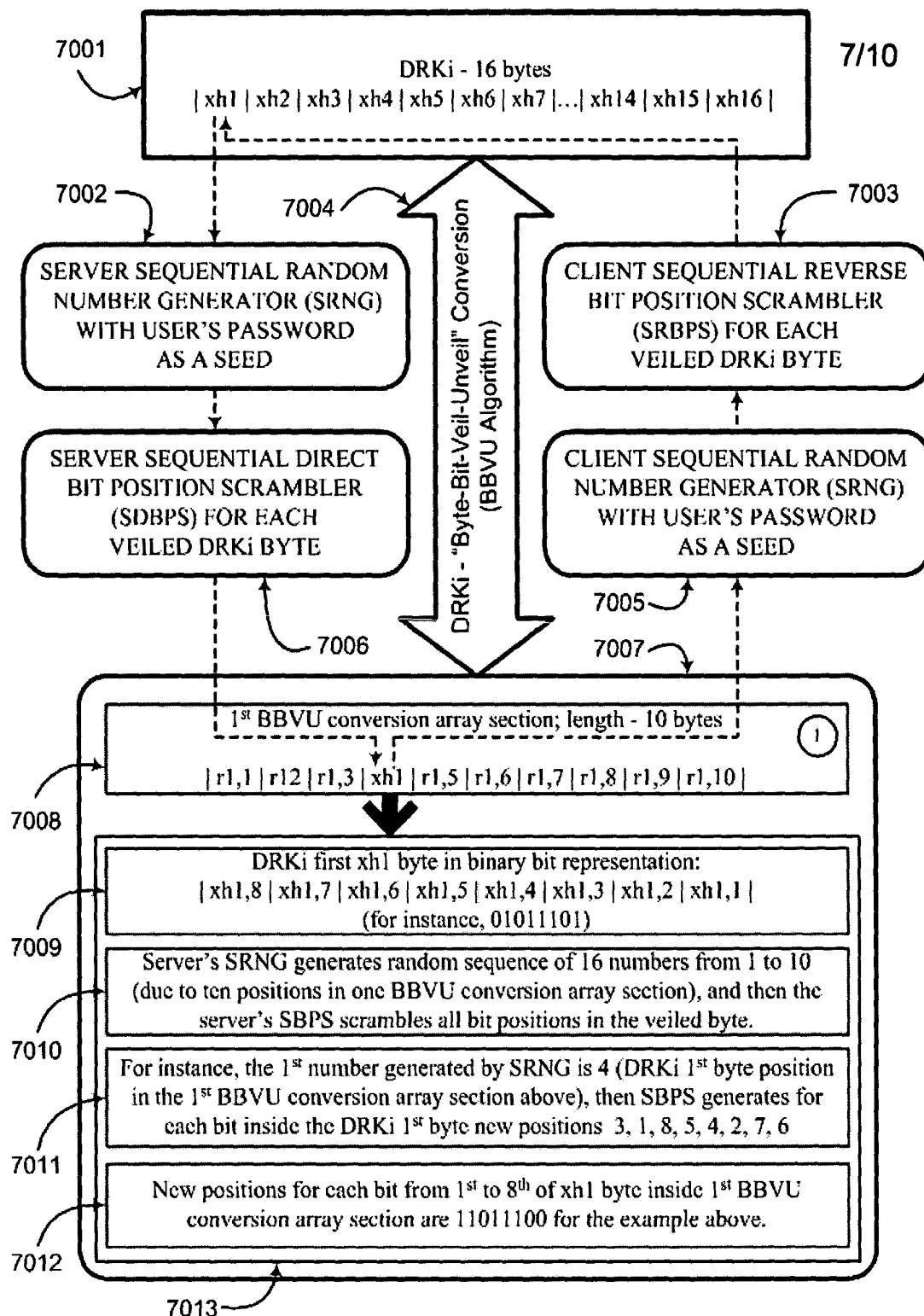


FIG. 7

MESSAGE ENCRYPT/DECRYPT ITERATIVE AUTHENTICATION (MEDIA) PROTOCOL
 (Client - Server Architecture; Password Based Mutual Authentication; Part A - SERVER SIDE)

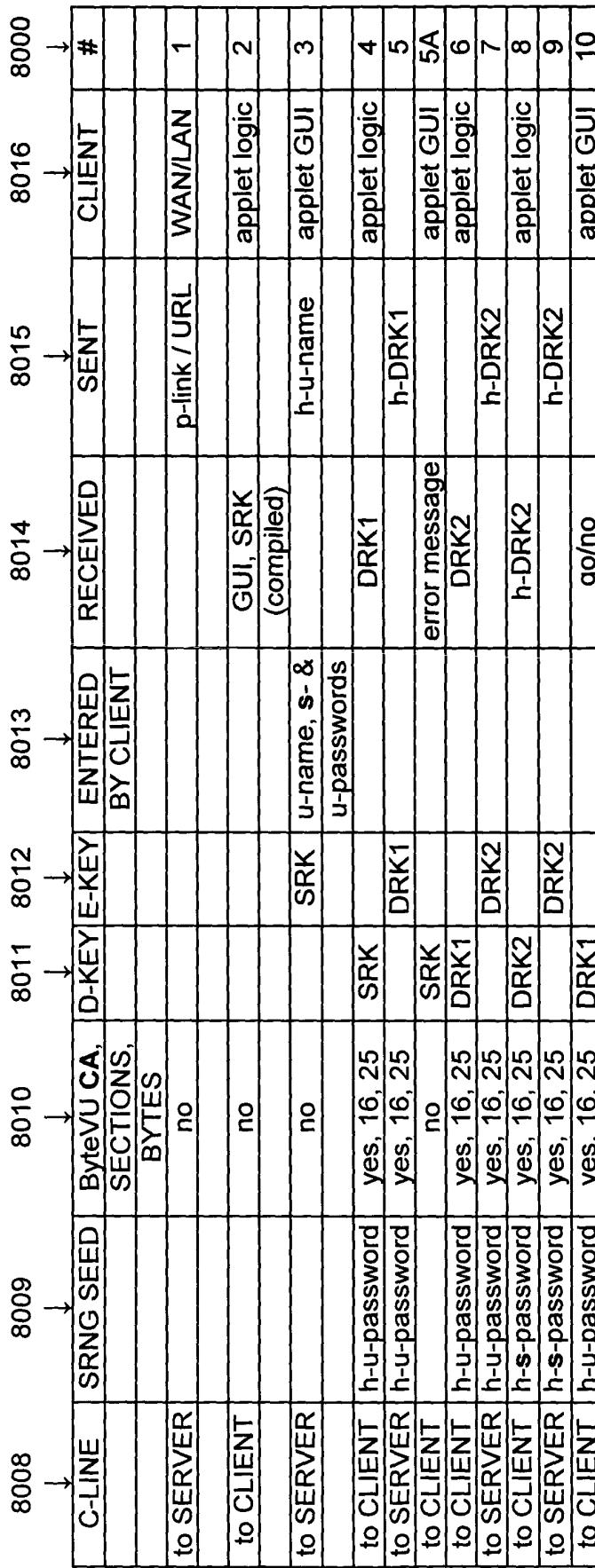
#	SERVER	SENT	RECEIVED	E-KEY	D-KEY	ByteVU CA, SECTIONS, BYTES	SRNG SEED	C-LINE
1	www s	c connection request				no	to SERVER	
2	servlets	SRK (compiled)				no	to CLIENT	
3	dB/servlets	h-u-name	SRK	SRK	SRK	no	to SERVER	
4	dB/servlets	DRK1		DRK1	DRK1	yes, 16, 25	to CLIENT	to SERVER
5	dB/servlets	h-DRK1				yes, 16, 25	to SERVER	
5A	dB/servlets	no	SRK	SRK	SRK	no	to CLIENT	
6	dB/servlets	DRK2	DRK1	DRK1	DRK1	yes, 16, 25	h-u-password	to CLIENT
7	dB/servlets	h-DRK2		DRK2	DRK2	yes, 16, 25	h-u-password	to SERVER
8	dB/servlets	DRK2		DRK2	DRK2	yes, 16, 25	h-s-password	to CLIENT
9	dB/servlets	h-DRK2		DRK2	DRK2	yes, 16, 25	h-s-password	to SERVER
10	dB/servlets	go/no		DRK1	DRK1	yes, 16, 25	h-u-password	to CLIENT

8017 → Legends: SRNG - Sequential Random Number Generator,
 SRK (DRK) - Session (Data) Random Symmetric Encryption Key, ByteVU - "Byte-Veil-Unveil" Algorithm,
 E - ENCRYPTION, D - DECRYPTION, C - COMMUNICATION, u - user, h - hashed, p - protected
 c - Client, s - Server, dB - Server, DRK - Database, CA - ByteVU Conversion Array

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FIG. 8A

MESSAGE ENCRYPT/DECRYPT ITERATIVE AUTHENTICATION (MEDIA) PROTOCOL
 (Client - Server Architecture; Password Based Mutual Authentication; Part B - CLIENT SIDE)



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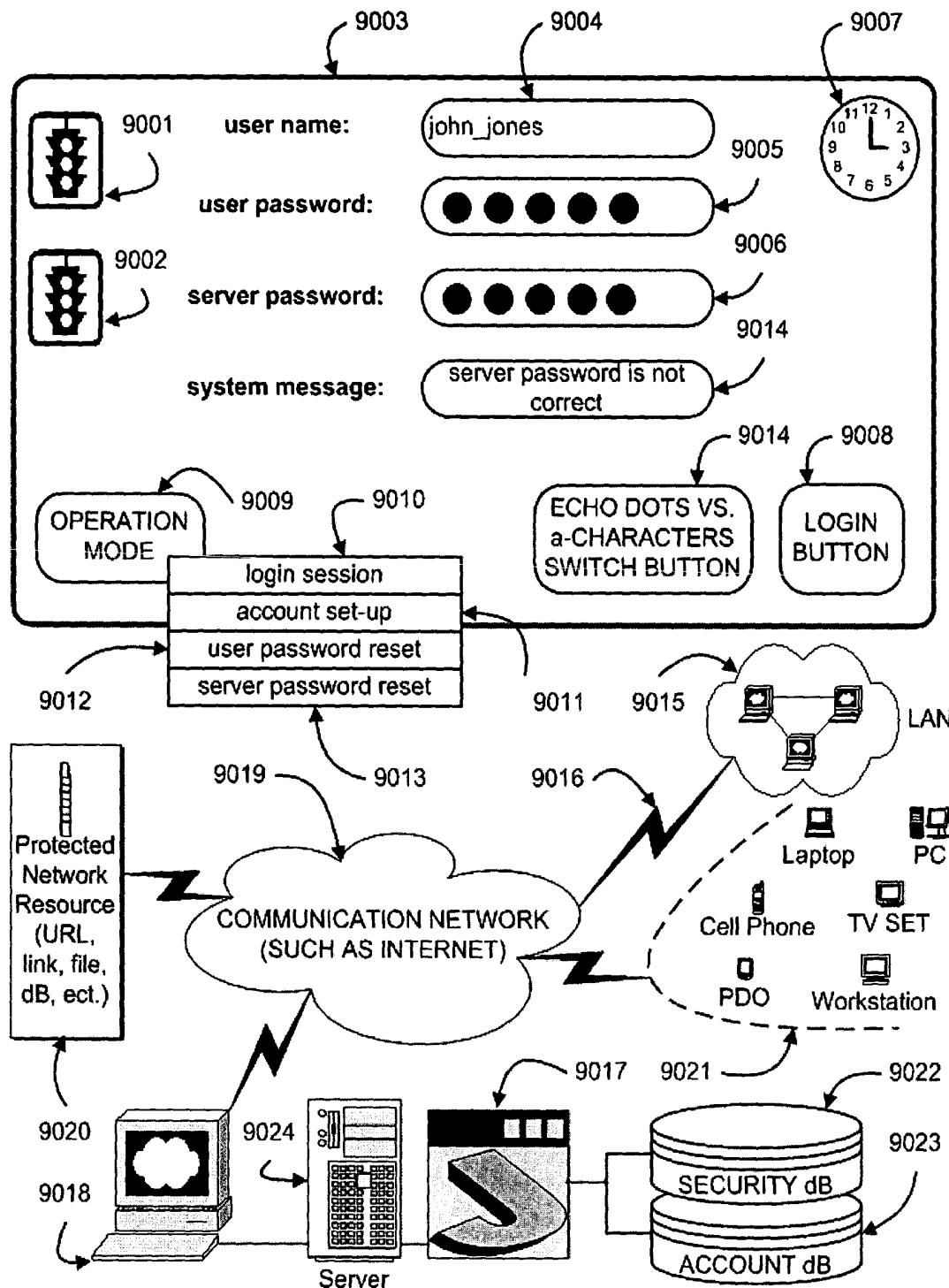


FIG. 9